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From: April Abate
To: Melissa
CC: OGMCOAL@utah.gov
Date: 7/28/2009 2:05 PM
Subject: Water Quality Reports for 1st Quarter 2009 - Bear Canyon and Hiawatha Mines
Place: OGMCOAL@utah.gov
Attachments: 0020.pdf; 0028.pdf; April Abate.vcf

Melissa,

Attached are the water quality reports for the Bear Canyon and Hiawatha mines. The only issues are with Hiawatha. We have not seen any oil and grease analysis since May 2008 for the UPDES samples collected. Could you verify that oil and grease analysis was done? It is a required parameter for quarterly sampling in the Hiawatha Mine UPDES permit. It may be that the analysis was done, but for whatever reason, the database was not uploading the results. Secondly, we are not showing any data for sample point D005. I know that it was monitored, but the data is not coming in. If you could check to see if everything loaded properly with that sample. We have had this problem with this particular sample before. And finally, I wanted to remind you that baseline parameter sampling is due in July 2009 for Hiawatha. I know it is getting late in the month at this point, so if you haven't done the sampling yet, please be advised it should be done within the coming weeks.

Thanks and please give me a call if you have any questions about the reports.

Regards,
April

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WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

July 23, 2009

TO: Internal File

THRU: James D. Smith, Permit Supervisor *DS 07/28/09*

FROM: April A. Abate, Environmental Scientist II *AAA 7-28-2009*

RE: 2009 1st Quarter Water Monitoring, Hiawatha Coal Company (HCC), Hiawatha Mine, C/007/0011-WQ09-01 Task #3228

Hiawatha Coal Company has supplied schedules for water monitoring and parameter reporting in Tables 7-12 through 7-17, in the MRP, updated on June 6, 2003. The Hiawatha Mine is currently not producing coal from the underground mine. There is currently no underground mining taking place.

1. Was data submitted for all of the MRP required sites? YES [] NO [X]
Identify sites not monitored and reason why, if known:

Springs HCC monitors six springs at the minesite, SP-2, SP-4, SP-5, SP-11, SP-12 and SP-13. Operational sampling is established in the MRP as two times per year, for spring sites, in June and October. No sampling was required this quarter.

Streams HCC monitors 10 stream locations at/near the mine site, ST-1, ST-2, ST-2B, ST-3, ST-3A, ST-3B, ST-4, ST-4A, ST-4B, and ST-5. HCC currently monitors field parameters of streams on a monthly basis from April through October, (Table 7-16). No sampling was required this quarter.

UPDES There are a total of 13 UPDES sample locations listed in Permit #UT0023094 for the Hiawatha Mine used to establish discharge quality. UPDES locations are monitored monthly according to Table 7-13. Only two sites have yielded flow (D001 and D002). The UPDES locations D003 through D013 are listed in the current UPDES permit, which is due to expire on September 30, 2009. All UPDES sample locations are outlined below:

Pond No.	Location
D001	Mohrland Portal
D002	Overflow at Hiawatha
D003	Upper Coal Storage Yard
D004	North of Slurry Pond No. 1
D005	East of Slurry Pond No. 4
D006	North East of Slurry Pond No. 5

6. **Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements?** Yes No

Please verify that the Division is receiving data uploaded from the water quality database for UPDES sample D005. It does not appear that any data have been received by the Division since June 2008. In the meantime, the Division will look into this issue to determine if there is a glitch in the database on our end.

Provide an explanation to the Division as to why oil and grease has not been sampled for.

Please also be aware of the baseline operational water monitoring sampling requirements scheduled for July 2009. If this sampling was unable to be completed in July, please notify the Division when the baseline sampling event is to occur.

7. **Follow-up from last quarter, if necessary.**

No response from operator.

**WATER QUALITY
MEMORANDUM
UTAH COAL REGULATORY PROGRAM**

July 27, 2009

TO: Internal File

FROM: April A. Abate, Environmental Scientist II (SBC-9A)
7-27-2009

THRU: James D. Smith, Permit Supervisor JS 7/27/09

SUBJECT: 2009 First Quarter Water Monitoring, CW Mining Company, Bear Canyon Mine, C/015/0025, Task ID # 3248

The monitoring plan is described on pages 7-48 through 7-60A of the MRP. It includes Tables 7-12 through 7-17.

1. Were data submitted for all of the MRP required sites?

In-mine YES NO

SBC-9A was sampled and requires operational sampling during the first quarter.

Sample 16-8-8-10 was not sampled this quarter and not required to be sampled until July 2009.

Springs YES NO

Streams YES NO

UPDES YES NO

2. Were all required parameters reported for each site?

In-mine YES NO

Springs YES NO

4. On what date does the MRP require a five-year resampling of baseline water data.

Baseline parameters are to be taken in August of year 5 prior to each permit renewal (Table 7.14). The next permit renewal date is November 02, 2010, so the baseline analyses should be done on samples collected in August 2010.

5. Based on your review, what further actions, if any, do you recommend?

None

6. Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements? YES NO

7. Follow-up from last quarter, if necessary.

None

8. Did the Mine Operator submit all the missing and/or irregular data? YES NO

Not applicable this quarter.